ABSTRACT OF THE DISCLOSURE

In a ferroelectric capacitor, two displacements (points **b** and **c**) of a remanent polarization correspond to data "1" and one displacement (point **a**) of the remanent polarization corresponds to data "0". When the data "1" is written, either of two electric voltage pulses different in potential or in pulse width is applied to the ferroelectric capacitor to position the displacement of the remanent polarization in the ferroelectric capacitor at the point **b** or at the point **c**. When the data "0" is written, on the other hand, the displacement of the remanent polarization in the ferroelectric capacitor is positioned at the point **a**.